

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/593905	US-PGPUB; USPAT	OR	OFF	2010/01/22 16:37
S2	8882	(369/44.11 369/44.25 369/44.27-44.33 369/47.36 369/47.38- 47.39 369/47.44-47.45 369/47.49 369/47.55 369/53.11-53.14 369/53.19-53.23 369/53.25-53.28 369/53.3 369/53.38- 53.39).cccls.	US-PGPUB; USPAT	OR	OFF	2010/01/22 17:40
S3	2	10/342017	US-PGPUB; USPAT	OR	OFF	2010/01/22 17:50
S4	47	S2 and (warp\$4 deflect \$4 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6) near (dis?\$2 carrier\$1 medi\$4) same (stop\$6 protru\$6 protuber\$5 project\$4 protect\$5)	US-PGPUB; USPAT	OR	OFF	2010/01/22 18:19
S5	96	S2 and (warp\$4 deflect \$4 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6) near (dis?\$2 carrier\$1 medi\$4) same (limit\$6 stop\$6 protr\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	US-PGPUB; USPAT	OR	OFF	2010/01/22 18:30

S6	7	("20030108708" "4710908" "4891798" "5093798" "6567357" "6842414" "6985419").PN. OR ("7239582").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/25 11:47
S7	8882	(369/44.11 369/44.25 369/44.27-44.33 369/47.36 369/47.38- 47.39 369/47.44-47.45 369/47.49 369/47.55 369/53.11-53.14 369/53.19-53.23 369/53.25-53.28 369/53.3 369/53.38- 53.39).cccls.	US-PGPUB; USPAT	OR	OFF	2010/01/25 13:45
S8	109	S7 and (warp\$4 deflect \$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl \$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6) near (dis?\$2 carrier\$1 medi\$4) same (limit\$6 stop\$6 protr\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	US-PGPUB; USPAT	OR	OFF	2010/01/25 13:45
S9	13	("20010028628" "20020145822" "20030016454" "20030137917" "5243584" "5467237" "5675452" "5943312" "6625105" "6826018" "7073183" "7092174" "20020075773").pn.	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:24

S10	15	S7 and (warp\$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) same (limit\$6 control\$6) near2 (distanc\$5 far near\$4 height\$1)	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:29
S11	54009	"369".clas.	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:30
S12	52	S11 and (warp\$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) same (limit\$6 control\$6) near2 (distanc\$5 far near\$4 height\$1)	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:30
S13	6741	"720".clas.	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:31
S14	14	S13 and (warp\$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) same (limit\$6 control\$6) near2 (distanc\$5 far near\$4 height\$1)	US-PGPUB; USPAT	OR	OFF	2010/01/25 14:31
S15	200	S11 and (warp\$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) and (limit\$6 confin\$6 restrict\$5 bound\$5 cap\$4 delimit\$7 restrain\$5 control\$6) near2 (distanc\$5 far	US-PGPUB; USPAT	OR	OFF	2010/01/25 15:34

		near\$4 height\$1) near3 (object\$3 condens\$5 lens\$2)				
S16	43	S11 and (warp\$4 deflect \$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl \$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag \$4 tilt\$5) with (limit\$6 confin\$6 restrict\$5 bound\$5 cap\$4 delimit \$7 restrain\$5 control\$6) near2 (distan\$5 far near\$4 height\$1) near3 (object\$3 condens\$5 lens\$2)	US-PGPUB; USPAT	OR	OFF	2010/01/25 15:47
S17	1995	S7 and (object\$3 condens\$5 lens\$2) with (limit\$6 stop\$6 protru \$6 protuber\$5 project \$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	US-PGPUB; USPAT	OR	OFF	2010/01/25 15:50
S18	656	S7 and (object\$3 condens\$5) near lens\$2 with (limit\$6 stop\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid \$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert \$5 avoid\$5 block\$5 halt \$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) with (dis?\$2 carrier\$1 medi \$4)	US-PGPUB; USPAT	OR	OFF	2010/01/25 15:53

S19	214	S7 and (object\$3 condens\$5) near lens\$2 with (limit\$6 stop\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid\$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) with (dis?\$2 carrier\$1 medi\$4) with limit\$	US-PGPUB; USPAT	OR	OFF	2010/01/25 15:55
S20	25	S7 and (object\$3 condens\$5) near lens\$2 with (stop\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid\$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) with (dis?\$2 carrier\$1 medi\$4) with limit\$	US-PGPUB; USPAT	OR	OFF	2010/01/25 16:23
S21	1	"6246647".pn. and (warp\$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6)	US-PGPUB; USPAT	OR	OFF	2010/01/25 16:30
S22	1	"20050162999"	DERWENT	OR	OFF	2010/01/25 17:14
S23	4	("5970032" "6381201" "6388963" "6633522").PN. OR ("7116609").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/25 17:23

S24	19	S7 and (warp\$4 deflect \$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl \$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag \$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) with (before prior) near (record\$3 writ\$3 burn\$3 read\$3 reproduc\$5)	US-PGPUB; USPAT	OR	OFF	2010/01/25 17:52
S25	40	S7 and (warp\$4 deflect \$4 bend\$5 bent\$2 deform\$6 chip\$4 waffl \$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag \$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) same (before prior) near (record\$3 writ\$3 burn\$3 read\$3 reproduc\$5)	US-PGPUB; USPAT	OR	OFF	2010/01/25 17:59
S26	565	S7 and (measur\$6 calculat\$4 obtain\$3 determin\$6) with (warp \$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip \$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4)	US-PGPUB; USPAT	OR	OFF	2010/01/25 18:04
S27	29	S7 and (measur\$6 calculat\$4 obtain\$3 determin\$6) with (warp \$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip \$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4 tilt\$5) near2 (dis?\$2 surfac\$4 shap\$4 substrate\$1 carrier\$1 medi\$4) with limit\$	US-PGPUB; USPAT	OR	OFF	2010/01/25 18:05

S28	23	S7 and (measur\$6 calculat\$4 obtain\$3 determin\$6) with (warp \$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip \$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4) near2 (dis?\$2 surfac\$4 shap \$4 substrate\$1 carrier \$1 medi\$4) with limit\$	US-PGPUB; USPAT	OR	OFF	2010/01/25 18:13
S29	100	S7 and (measur\$6 calculat\$4 obtain\$3 determin\$6) near3 (warp\$4 deflect\$4 bend \$5 bent\$2 deform\$6 chip\$4 waffl\$3 uneven \$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4) near2 (dis?\$2 surfac\$4 shap \$4 substrate\$1 carrier \$1 medi\$4)	US-PGPUB; USPAT	OR	OFF	2010/01/25 18:17
S30	8886	(369/44.11 369/44.25 369/44.27-44.33 369/47.36 369/47.38- 47.39 369/47.44-47.45 369/47.49 369/47.55 369/53.11-53.14 369/53.19-53.23 369/53.25-53.28 369/53.3 369/53.38- 53.39).ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:01
S31	24	S30 and (measur\$6 calculat\$4 obtain\$3 determin\$6) with (warp \$4 deflect\$4 bend\$5 bent\$2 deform\$6 chip \$4 waffl\$3 uneven\$6 fluctuat\$4 displac\$6 flutter\$6 sag\$4) near2 (dis?\$2 surfac\$4 shap \$4 substrate\$1 carrier \$1 medi\$4) with current \$1	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:01
S32	93	720/659.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:15
S33	28	720/660.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:15
S34	46	720/671.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:15

S35	5	("5150338" "5615196" "6430143" "6445674" "7103895").PN. OR ("7526781").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/26 12:27
S36	4	("20010019534" "20020060974").PN. OR ("6857125").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/26 12:46
S37	1607	(S30 S32 S33 S34) and (control\$6 actuat\$5) near3 (limit\$6 stop\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid\$5 block\$5 halt\$5 hamper\$5 imped\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:57
S38	3195	g11b\$.ipc. and (control\$6 actuat\$5) near3 (limit\$6 stop\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid\$5 block\$5 halt\$5 hamper\$5 imped\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:57
S39	2292	g11b\$.ipc. and (control\$6 actuat\$5) near3 (stop\$6 (limit\$6 prottru\$6 protuber\$5 project\$4 protect\$5) near (element\$1 member\$1 portion\$1 part\$1) (contact\$5 collis\$5 collid\$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid\$5 block\$5 halt\$5 hamper\$5 imped\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5	FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:58

		restrain\$5 restrict\$5 retard\$5 stop\$6))				
S40	348	g11b\$.ipc. and (control \$6 near (position\$4 location\$1 distanc\$4) actuat\$5) near3 (stop\$6 (limit\$6 prottru\$6 protuber\$5 project\$4 protect\$5) near (element\$1 member\$1 portion\$1 part\$1) (contact\$5 collis\$5 collid \$5 impact\$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert \$5 avoid\$5 block\$5 halt \$5 hamper\$5 imped\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6))	FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:59
S41	329	g11b\$.ipc. and (control \$6 near (position\$4 location\$1 distanc\$4) actuat\$5) near3 (stop\$6 (limit\$6 prottru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 imped\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) near (element\$1 member\$1 portion\$1 part\$1))	FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/26 13:01
S42	183	(S30 S32 S33 S34) and (control\$6 near (position \$4 location\$1 distanc \$4) actuat\$5) near3 (stop\$6 (limit\$6 prottru \$6 protuber\$5 project \$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 imped\$5 intercept\$5 interdict\$5	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:02

		interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) near (element\$1 member\$1 portion\$1 part\$1))				
S43	32	(S30 S32 S33 S34) and (control\$6 near (position \$4 location\$1 distanc \$4) actuat\$5) near3 (stop\$6 (limit\$6 protru \$6 protuber\$5 project \$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) near (element\$1 member\$1 portion\$1 part\$1)) with lens\$2	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:04
S44	16	g11b\$.ipc. and (control \$6 near (position\$4 location\$1 distanc\$4) actuat\$5) near3 (stop\$6 (limit\$6 protru\$6 protuber\$5 project\$4 protect\$5 (contact\$5 collis\$5 collid\$5 impact \$4) near2 (prevent\$5 inhibit\$5 prohibit\$5 arrest\$6 avert\$5 avoid \$5 block\$5 halt\$5 hamper\$5 impeded\$5 intercept\$5 interdict\$5 interrupt\$5 repress\$5 restrain\$5 restrict\$5 retard\$5 stop\$6)) near (element\$1 member\$1 portion\$1 part\$1)) with lens\$2	FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/26 13:05
S45	15	(taichi near akiba).in.	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:17

EAST Search History (I nterference)

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1/ 26/ 2010 1:22:00 PM

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